

Morbidity and Mortality

Weekly Report

PUBLIC HEALTH SERVICE

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

Prepared by the NATIONAL OFFICE OF VITAL STATISTICS Executive 3-6300, Ext. 4744

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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended December 6, 1958

The 5 cases of poliomyelitis reported in Puerto Rico for the current week represent late reports.

One of the cases of encephalitis reported in Kansas is western equine encephalitis.

The Oregon State Board of Health reports the occurrence of a "rather sharp" outbreak of scarlet fever in one county and the continuing incidence of cases of Shigella sonnei infections in another.

EPIDEMIOLOGICAL REPORTS

Anthrax

Dr. E. J. Witte, Pennsylvania Department of Health, has reported a case of anthrax in a white female employed in the combing department of a plant which processes goat hair and

manufactures interlinings for clothing. The woman first noticed a small pruritic blister filled with fluid in the region of the right mandible. The lesion failed to respond to treatment with a salve supplied by the company physician, and the physician sent the woman to a hospital with a tentative diagnosis of anthrax. A smear was positive for Bacillus anthracis. The only systemic reaction was a fever which reached a peak of 102° F. several days after the lesion was first noticed. The combing department where the woman has been employed since 1953 is very dusty and dirty with considerable loose hair floating through the air. She was certain that no abrasions, sores, or other openings were present on the skin prior to the anthrax lesion. This is the first case of anthrax to occur in this plant this year. The woman was one of the workers who participated

Continued on page 2

Table 1. Cases of Specified Notifiable Diseases: Continental United States

(Numbers after diseases are category numbers of the Seventh Revision of the International Lists, 1955)

DISEASE	49th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Dec. 6, 1958 ¹	Ended Dec. 7, 1957	Median 1953-57	First 49 weeks			Since seasonal low week			
				1958 ¹	1957	Median 1953-57	1957-58 ¹	1956-57	Median 1952-53 to 1956-57	
Anthrax-----062	-	-	-	15	19	26	(2)	(2)	(2)	(2)
Botulism-----049.1	-	-	-	4	11	12	(2)	(2)	(2)	(2)
Brucellosis (undulant fever)----044	21	14	24	761	875	1,216	(2)	(2)	(2)	(2)
Diphtheria-----055	41	32	72	844	1,082	1,808	494	618	1,066	July 1
Encephalitis, infectious-----082	36	45	24	2,247	1,785	1,785	1,638	1,225	1,225	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	319	240	427	14,698	14,146	30,270	4,103	3,136	6,159	Sept. 1
Malaria-----110-117	-	-	4	73	144	461	(2)	(2)	(2)	(2)
Measles-----085	4,107	3,437	3,437	740,945	470,438	543,228	30,582	20,784	20,784	Sept. 1
Meningococcal infections-----057	51	74	74	2,444	2,464	3,296	672	779	779	Sept. 1
Meningitis, other-----340	³ 91	47	---	4,167	2,232	---	---	---	---	---
Poliomyelitis-----080	92	44	283	45,773	5,789	28,739	45,554	5,263	27,588	Apr. 1
Paralytic-----080.0,080.1	60	17	---	2,945	2,098	---	2,824	1,824	---	Apr. 1
Nonparalytic-----080.2	13	17	---	1,971	2,771	---	1,903	2,608	---	Apr. 1
Unspecified-----080.3	19	10	---	857	920	---	827	831	---	Apr. 1
Psittacosis-----096.2	2	2	2	135	235	259	(2)	(2)	(2)	(2)
Rabies in man-----094	-	-	-	5	5	8	(2)	(2)	(2)	(2)
Typhoid fever-----040	16	12	33	1,015	1,253	1,708	838	996	1,396	Apr. 1
Typhus fever, endemic-----101	3	1	2	69	111	127	57	86	111	Apr. 1
Rabies in animals-----	81	73	89	4,307	4,015	4,853	637	612	788	Oct. 1

¹Data exclude report from Montana for the current week. Includes 28 cases of aseptic meningitis; see footnote to table 2. Includes revised report for one or more of the categories of poliomyelitis for Indiana, Iowa, and Washington.

²Data show no pronounced seasonal change in incidence. ³In-

Symbols.—1 dash [-]: no cases reported; 3 dashes [---]: data not available.

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EPIDEMIOLOGICAL REPORTS—Continued

in a vaccine evaluation program at the plant; she had received control material only.

Botulism

Additional information has been received from the North Carolina State Board of Health about the case of botulism in a 63-year-old woman reported the week ended November 15. The woman first noted double vision and gradually lost eye motion. Also there was a striking lid drop, loss of light reflex, and finally she developed complete inability to swallow. There was no fever at any time. Careful investigation has not clearly implicated any food item as the source of the toxin.

Diphtheria

Dr. D. S. Fleming, Minnesota Department of Health, has supplied information about the incidence of diphtheria in that State during the period September 1 to November 29. A total of 37 cases, 4 of which resulted in death, have been reported in 9 counties. Thirteen cases had onset during the week ended November 22. Distribution of the 37 cases by age and sex is as follows:

	<u>Male</u>	<u>Female</u>
All ages-----	25	12
Under 5 years-----	2	1
5-9 years-----	7	7
10-14 years-----	10	4
15-19 years-----	4	0
20-24 years-----	1	0
25 years and over-----	1	0

The individual in the age group 25 years and over was 61 years old. Two boys and 1 girl in the age group 5-9 years died and another boy in the group 10-14 years. There was no history of previous immunization for 3 of the persons who died; the other person had received a single dose of toxoid several years ago. No antitoxin was administered to 2 of the persons who died, and to the other 2 it was not given until 5 days after onset of the illness.

Additional information has been received from the Mississippi State Board of Health about a diphtheria outbreak reported in the Morbidity and Mortality Weekly Report for the week ended November 8. To date 6 cases have been confirmed and 1 clinical case is under study. There have been 2 deaths. The outbreak is related to a school of about 200 pupils in the first 6 grades. Upon examination of the school children swabs were

obtained from 13 children whose throats gave evidence of infection. Swabs from 3 persons were positive for diphtheria organisms, mitis type, virulent strain.

Gastro-enteritis

Mrs. Sarah V. Dugan, Kentucky Department of Health, has reported an outbreak of gastro-enteritis, probably due to the ingestion of improperly prepared and stored turkey dressing. Thirty persons out of a group of 380 who attended a church supper became ill from 2 to 7 hours after eating. The symptoms included vomiting, cramps, and diarrhea. The individuals who ate near the end of the hour-long service of the meal were the ones who became ill. The menu included roast turkey, ham, dressing, giblet gravy, and a great variety of other foods brought by individual families. The food histories did not incriminate any of the foods mentioned, and there was no evidence that the outbreak was of milkborne origin. The turkey and ham were prepared by several families the day of the supper. The preparation of the dressing was begun the day before the supper, and the moist mixture was left overnight in plastic bags unrefrigerated. The next day gravy and giblets were added at one of the homes. Then at the church canned oysters were added and the dressing was heated for a short time on the top of a stove. There was no dressing available for laboratory examination. Samples of 1 of the turkeys and 1 package of ham were examined and found to contain a few coagulase-negative staphylococci.

Rabies in animals

Dr. E. J. Witte, Pennsylvania Department of Health, has also reported a laboratory confirmed case of rabies in a chipmunk found in a city's residential area. A little girl was bitten by the animal while visiting a neighbor in the area. When the animal was later observed to be acting strangely the neighbor notified the girl's parents. The animal subsequently died and was buried by some children. However, before death it was seen running in circles, and it was reported that it ate just before dying. A physician advised that the animal be examined for rabies. The child received treatment with duck embryo virus vaccine. This is the only case of rabies in a chipmunk reported in the State this year. A total of 58 cases of rabies in animals has been recorded in the State to date.

QUARANTINE MEASURES

Immunization Information for International Travel

No changes reported.

Morbidity and Mortality Weekly Report

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED DECEMBER 7, 1957, AND DECEMBER 6, 1958
(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

AREA	BRUCELLOSIS (UNDULANT FEVER)		DIPHTHERIA 055				ENCEPHALITIS, INFECTIOUS		HEPATITIS, INFECTIOUS, AND SERUM 092,N998.5 pt.			
	044		49th week		Cumulative first 49 weeks		082		49th week		Cumulative first 49 weeks	
	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957
CONT. UNITED STATES ¹ -----	21	14	41	32	844	1,082	36	45	319	240	14,698	14,146
NEW ENGLAND-----	-	-	-	1	8	27	3	-	8	7	568	753
Maine-----	-	-	-	-	-	3	-	-	2	3	70	236
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	2	8
Vermont-----	-	-	-	-	-	-	-	-	2	-	31	88
Massachusetts-----	-	-	1	7	24	1	-	-	2	1	284	222
Rhode Island-----	-	-	-	-	-	-	1	-	-	1	67	75
Connecticut-----	-	-	-	-	1	-	1	-	2	2	114	124
MIDDLE ATLANTIC-----	1	1	2	1	38	89	7	6	63	27	2,027	2,296
New York-----	-	-	1	-	17	40	3	6	56	14	1,363	1,438
New Jersey-----	-	1	1	-	4	10	2	-	2	3	159	282
Pennsylvania-----	1	-	-	1	17	39	2	-	5	10	505	576
EAST NORTH CENTRAL-----	-	2	-	-	42	52	3	7	67	36	2,429	2,465
Ohio-----	-	-	-	-	10	14	-	-	35	7	771	603
Indiana-----	-	-	-	-	16	17	2	1	7	7	216	323
Illinois-----	-	2	-	-	9	3	1	2	17	11	583	681
Michigan-----	-	-	-	-	6	16	-	3	6	11	639	623
Wisconsin-----	-	-	-	-	1	2	-	1	2	-	220	235
WEST NORTH CENTRAL-----	17	7	4	3	132	89	2	-	18	10	1,180	771
Minnesota-----	-	-	2	-	69	35	-	-	2	1	179	286
Iowa-----	10	2	-	2	14	12	-	-	3	2	200	175
Missouri-----	-	-	-	-	14	1	-	-	4	4	240	127
North Dakota-----	-	3	-	-	4	3	-	-	5	2	224	97
South Dakota-----	1	-	-	-	17	10	-	-	-	1	16	36
Nebraska-----	2	1	2	1	12	21	-	-	2	-	83	24
Kansas-----	4	1	-	-	2	7	2	-	2	-	238	26
SOUTH ATLANTIC-----	1	1	14	14	276	374	3	19	32	12	1,133	1,083
Delaware-----	-	-	-	-	-	-	-	-	3	-	55	11
Maryland-----	-	-	-	-	3	3	1	-	8	-	160	94
District of Columbia-----	-	-	-	-	2	-	-	-	1	-	20	12
Virginia-----	-	-	2	-	34	18	2	17	12	5	275	414
West Virginia-----	-	-	-	-	10	9	-	-	5	2	152	92
North Carolina-----	-	-	-	2	28	48	-	-	-	2	62	105
South Carolina-----	-	-	1	2	39	102	-	-	2	1	41	34
Georgia-----	-	1	6	5	105	107	-	-	-	-	134	124
Florida-----	1	-	5	5	55	87	-	2	1	2	234	197
EAST SOUTH CENTRAL-----	1	-	10	3	93	160	1	2	22	15	1,183	1,766
Kentucky-----	-	-	-	-	5	18	-	1	11	4	572	753
Tennessee-----	1	-	3	-	13	12	-	-	3	3	312	633
Alabama-----	-	-	7	1	45	70	-	1	5	5	211	252
Mississippi-----	-	-	-	2	30	60	1	-	3	3	88	128
WEST SOUTH CENTRAL-----	1	1	6	2	183	209	4	3	15	21	1,095	1,094
Arkansas-----	-	-	2	1	36	46	-	-	2	2	99	79
Louisiana-----	-	1	1	-	66	25	-	-	-	-	13	51
Oklahoma-----	-	-	-	-	25	23	1	1	1	3	150	131
Texas-----	1	-	3	1	56	115	3	2	12	16	833	833
MOUNTAIN ¹ -----	-	-	5	8	59	47	1	-	42	44	2,280	1,251
Montana-----	-	-	-	4	116	14	-	-	-	2	379	173
Idaho-----	-	-	-	-	2	1	-	-	7	3	194	100
Wyoming-----	-	-	-	2	2	11	-	-	1	-	20	55
Colorado-----	-	-	-	-	12	2	-	-	8	4	297	188
New Mexico-----	-	-	5	2	23	13	-	-	15	18	337	395
Arizona-----	-	-	-	-	4	4	-	-	10	11	778	248
Utah-----	-	-	-	-	-	2	1	-	1	6	173	62
Nevada-----	-	-	-	-	-	-	-	-	-	-	102	30
PACIFIC-----	-	2	-	-	13	35	12	8	52	68	2,803	2,667
Washington-----	-	1	-	-	-	23	-	-	6	5	439	364
Oregon-----	-	-	-	-	8	3	2	-	6	6	425	491
California-----	-	1	-	-	5	9	10	8	40	57	1,939	1,812
Alaska-----	-	-	-	-	-	-	-	-	-	8	80	107
Hawaii-----	-	-	-	-	-	1	-	-	1	2	64	67
Puerto Rico-----	-	-	2	-	52	60	-	-	4	-	171	159

¹Data exclude report from Montana for the current week.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED DECEMBER 7, 1957, AND DECEMBER 6, 1958—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

AREA	POLIOMYELITIS 080								MALARIA		MEASLES	
	Total ²				Paralytic		Nonparalytic		110-117		085	
	49th week		Cumulative first 49 weeks		080.0,080.1		080.2					
	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957
CONT. UNITED STATES ¹ -----	92	44	5,773	5,789	60	17	13	17	-	-	4,107	3,437
NEW ENGLAND-----	-	-	90	81	-	-	-	-	-	-	364	258
Maine-----	-	-	4	9	-	-	-	-	-	-	12	26
New Hampshire-----	-	-	4	4	-	-	-	-	-	-	6	2
Vermont-----	-	-	6	5	-	-	-	-	-	-	61	-
Massachusetts-----	-	-	30	24	-	-	-	-	-	-	157	207
Rhode Island-----	-	-	3	-	-	-	-	-	-	-	2	1
Connecticut-----	-	-	43	39	-	-	-	-	-	-	126	22
MIDDLE ATLANTIC-----	13	1	693	337	8	-	-	-	-	-	868	348
New York-----	3	1	286	215	1	-	-	-	-	-	128	298
New Jersey-----	4	-	290	79	1	-	-	-	-	-	390	31
Pennsylvania-----	6	-	117	43	6	-	-	-	-	-	350	19
EAST NORTH CENTRAL-----	22	14	2,042	1,535	13	3	2	6	-	-	666	816
Ohio-----	8	4	386	270	1	-	1	-	-	-	188	122
Indiana-----	3	6	3139	199	2	2	-	4	-	-	111	72
Illinois-----	4	1	237	346	4	-	-	-	-	-	101	103
Michigan-----	6	2	1,219	506	5	1	1	1	-	-	193	54
Wisconsin-----	1	1	61	214	1	-	-	1	-	-	73	465
WEST NORTH CENTRAL-----	11	4	398	456	10	3	-	1	-	-	564	60
Minnesota-----	-	1	32	53	-	1	-	-	-	-	3	4
Iowa-----	3	1	370	84	3	1	-	-	-	-	462	13
Missouri-----	6	-	174	124	6	-	-	-	-	-	27	8
North Dakota-----	2	-	43	11	1	-	-	-	-	-	71	27
South Dakota-----	-	1	14	41	-	1	-	-	-	-	1	5
Nebraska-----	-	-	34	77	-	-	-	-	-	-	-	3
Kansas-----	-	1	31	66	-	-	-	1	-	-	(*)	-
SOUTH ATLANTIC-----	13	4	848	829	10	3	3	-	-	-	363	515
Delaware-----	2	-	27	5	2	-	-	-	-	-	2	7
Maryland-----	-	1	27	35	-	1	-	-	-	-	21	191
District of Columbia-----	1	-	6	67	1	-	-	-	-	-	1	32
Virginia-----	1	1	148	110	1	1	-	-	-	-	124	71
West Virginia-----	7	-	204	50	4	-	3	-	-	-	152	114
North Carolina-----	-	1	107	219	-	1	-	-	-	-	19	35
South Carolina-----	1	-	33	128	1	-	-	-	-	-	3	14
Georgia-----	-	-	56	82	-	-	-	-	-	-	16	43
Florida-----	1	1	240	133	1	-	-	-	-	-	25	8
EAST SOUTH CENTRAL-----	8	2	366	414	5	-	2	-	-	-	310	212
Kentucky-----	1	-	74	109	1	-	-	-	-	-	182	20
Tennessee-----	4	-	119	148	1	-	2	-	-	-	107	170
Alabama-----	2	-	57	53	2	-	-	-	-	-	19	21
Mississippi-----	1	2	116	104	1	-	-	-	-	-	2	1
WEST SOUTH CENTRAL-----	12	8	742	1,085	7	4	5	4	-	-	200	297
Arkansas-----	2	-	29	55	1	-	1	-	-	-	1	2
Louisiana-----	2	-	80	180	2	-	-	-	-	-	9	1
Oklahoma-----	-	-	58	123	-	-	-	-	-	-	12	21
Texas-----	8	8	575	727	4	4	4	4	-	-	178	273
MOUNTAIN ¹ -----	2	2	201	241	-	1	-	-	-	-	357	533
Montana-----	-	-	166	12	-	-	-	-	-	-	-	176
Idaho-----	-	-	12	25	-	-	-	-	-	-	2	99
Wyoming-----	-	-	13	13	-	-	-	-	-	-	40	-
Colorado-----	-	-	20	49	-	-	-	-	-	-	131	22
New Mexico-----	1	-	39	49	-	-	-	-	-	-	21	192
Arizona-----	-	1	34	56	-	1	-	-	-	-	121	15
Utah-----	1	1	12	33	-	-	-	-	-	-	42	29
Nevada-----	-	-	5	4	-	-	-	-	-	-	-	-
PACIFIC-----	11	9	393	811	7	3	1	6	-	-	415	398
Washington-----	3	2	338	21	-	1	-	1	-	-	67	128
Oregon-----	1	-	40	46	1	-	-	-	-	-	80	120
California-----	7	7	315	744	6	2	1	5	-	-	268	150
Alaska-----	-	-	2	3	-	-	-	-	-	-	106	75
Hawaii-----	-	-	75	10	-	-	-	-	-	-	6	1
Puerto Rico-----	5	-	60	33	5	-	-	-	-	-	87	14

¹Data excludes report from Montana for the current week.²Includes cases not specified by type, category number 080.3.³Includes revised report for one or more of the categories paralytic, nonparalytic, and unspecified poliomyelitis.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED DECEMBER 7, 1957, AND DECEMBER 6, 1958--Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

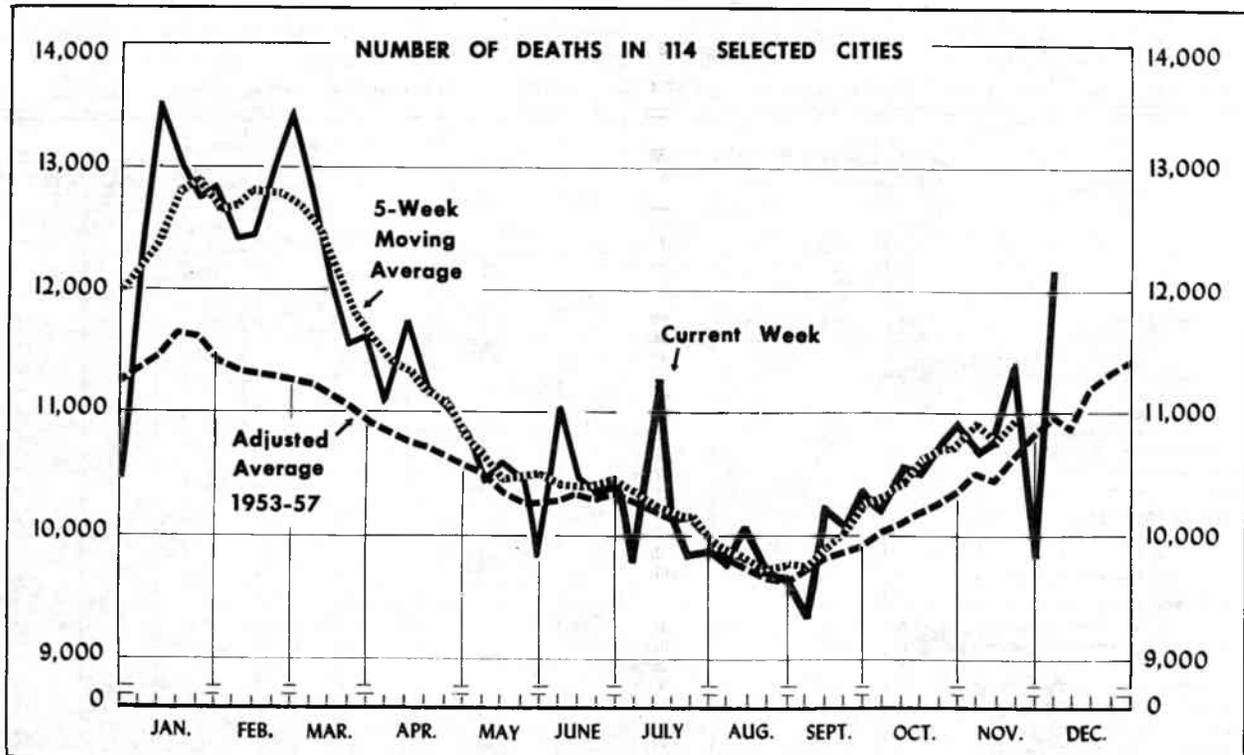
AREA	MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER	PSITTACOSIS		TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS	
			340	096.2						101		
	057	1957	1958	1958	1957	49th week	Cumulative first 49 weeks	1958	1957	1958	1958	1957
CONT. UNITED STATES ¹ -----	51	74	91	2	2	16	12	1,015	1,253	3	81	73
NEW ENGLAND-----	5	7	8	-	-	-	-	20	25	-	-	-
Maine-----	1	1	4 ²	-	-	-	-	2	2	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	1	2	-	-	-
Vermont-----	-	1	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	3	4	5	-	-	-	-	9	13	-	-	-
Rhode Island-----	-	-	1	-	-	-	-	1	5	-	-	-
Connecticut-----	1	1	-	-	-	-	-	7	3	-	-	-
MIDDLE ATLANTIC-----	6	6	-	-	-	-	2	108	152	-	5	2
New York-----	2	2	-	-	-	-	1	35	58	-	3	2
New Jersey-----	1	1	-	-	-	-	-	25	20	-	-	-
Pennsylvania-----	3	3	-	-	-	-	1	48	74	-	2	-
EAST NORTH CENTRAL-----	12	13	26	-	-	2	3	105	177	-	14	3
Ohio-----	4	4	-	-	-	1	2	39	65	-	1	-
Indiana-----	1	2	2	-	-	-	-	20	62	-	3	3
Illinois-----	4	4	22	-	-	-	1	22	21	-	3	-
Michigan-----	3	2	1	-	-	-	-	14	15	-	2	-
Wisconsin-----	-	1	4 ¹	-	-	-	-	10	14	-	5	-
WEST NORTH CENTRAL-----	2	3	6	-	1	1	-	76	88	-	28	11
Minnesota-----	1	1	-	-	1	-	-	3	5	-	4	7
Iowa-----	-	-	-	-	-	-	-	14	22	-	9	2
Missouri-----	-	1	1	-	-	1	-	37	44	-	12	1
North Dakota-----	-	-	-	-	-	-	-	2	2	-	-	-
South Dakota-----	-	-	-	-	-	-	-	7	8	-	-	-
Nebraska-----	1	-	-	-	-	-	-	2	1	-	3	1
Kansas-----	-	1	5	-	-	-	-	11	6	-	-	-
SOUTH ATLANTIC-----	10	16	15	2	-	4	2	172	233	-	13	17
Delaware-----	-	-	-	-	-	-	-	5	1	-	-	-
Maryland-----	3	2	1	-	-	2	-	13	10	-	-	-
District of Columbia-----	-	-	1	-	-	-	-	6	9	-	-	-
Virginia-----	1	4	6	-	-	-	-	38	41	-	6	6
West Virginia-----	1	-	2	-	-	-	-	21	50	-	-	1
North Carolina-----	4	4	-	-	-	-	-	20	14	-	-	-
South Carolina-----	-	2	1	-	-	-	2	12	22	-	2	2
Georgia-----	-	1	3	2	-	2	-	35	32	-	5	5
Florida-----	1	3	4 ¹	-	-	-	-	22	54	-	-	3
EAST SOUTH CENTRAL-----	3	13	1	-	-	4	2	125	173	2	7	26
Kentucky-----	2	3	-	-	-	1	-	39	54	-	3	18
Tennessee-----	-	2	1	-	-	-	2	36	67	-	1	2
Alabama-----	1	8	-	-	-	3	-	22	12	1	3	5
Mississippi-----	-	-	-	-	-	-	-	28	40	1	-	1
WEST SOUTH CENTRAL-----	4	6	7	-	-	1	1	232	249	1	11	11
Arkansas-----	1	-	2	-	-	1	1	31	43	-	3	2
Louisiana-----	3	1	-	-	-	-	-	83	59	-	-	1
Oklahoma-----	-	-	2	-	-	-	-	11	26	-	-	-
Texas-----	-	5	3	-	-	-	-	107	121	1	8	8
MOUNTAIN ¹ -----	1	2	1	-	1	1	-	76	54	-	-	-
Montana-----	-	1	-	-	-	-	-	14	3	-	-	-
Idaho-----	1	-	-	-	-	-	-	7	4	-	-	-
Wyoming-----	-	-	-	-	-	-	-	4	2	-	-	-
Colorado-----	-	1	1	-	-	-	-	9	12	-	-	-
New Mexico-----	-	-	-	-	-	-	-	32	20	-	-	-
Arizona-----	-	-	-	-	-	1	-	12	10	-	-	-
Utah-----	-	-	-	-	1	-	-	-	3	-	-	-
Nevada-----	-	-	-	-	-	-	-	8	-	-	-	-
PACIFIC-----	8	8	27	-	-	3	2	101	102	-	3	3
Washington-----	-	-	2	-	-	-	-	3	7	-	-	-
Oregon-----	-	1	1	-	-	-	-	13	6	-	-	-
California-----	8	7	4 ²⁴	-	-	3	2	85	89	-	3	3
Alaska-----	1	-	-	-	-	-	-	1	2	-	-	-
Hawaii-----	-	-	-	-	-	-	-	1	4	-	-	-
Puerto Rico-----	-	-	-	-	-	2	-	27	17	-	-	-

¹Data exclude report from Montana for the current week.

⁴Aseptic meningitis.

Symbols.—1 dash [-]: no cases reported; 3 dashes [---]: data not available; asterisk [*]: disease not notifiable.

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The chart shows the number of deaths reported for 114 major cities of the United States by week for the current year, a 5-week moving average of these figures plotted at the central week and an adjusted average, 1953-57, for comparison. The adjusted average is computed as follows: From the total deaths reported each week for the years 1953-57, 3 central figures are selected by eliminating the highest and lowest figures reported for that week. A 5-week moving average of the arithmetic means of the 3 central figures is then computed. The adjusted average shown in the chart is the 5-week moving average increased by 2.3 percent to allow for estimated population growth in the cities.

The use of the adjusted average is based on the assumption that the crude death rate and changes in population will remain at the level of recent years. No allowance has been made for increased use of city hospital facilities.

Table 4 shows the number of death certificates received during the week indicated for deaths that occurred in a specified city. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the interval between death and receipt of the certificate and because of incomplete reporting due to holidays or vacations. If a report is not received from a city in time to be included in the total for the current week an estimate is made for use in plotting the figure in the chart.

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of the populations, and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISIONS

(By place of occurrence, and week of filing certificate. Excludes fetal deaths)

AREA	49th week ended Dec. 6, 1958	48th week ended Nov. 29, 1958	Adjusted average, 49th week 1953-57	Percent change, adjusted average to current week	CUMULATIVE NUMBER FIRST 49 WEEKS		
					1958	1957	Percent change
TOTAL: 114 REPORTING CITIES-----	¹ 12,172	9,833	10,995	+10.7	¹ 541,328	536,502	+0.9
New England----- (14 cities)	765	626	725	+5.5	34,210	34,359	-0.4
Middle Atlantic----- (20 cities)	3,530	2,831	3,260	+8.3	156,073	155,618	+0.3
East North Central----- (19 cities)	² 2,641	2,056	2,388	+10.6	¹ 115,564	116,033	-0.4
West North Central----- (9 cities)	858	757	781	+9.9	38,386	38,378	+0.0
South Atlantic----- (11 cities)	964	832	919	+4.9	46,561	45,238	+2.9
East South Central----- (8 cities)	533	438	501	+6.4	25,170	24,053	+4.6
West South Central----- (13 cities)	1,023	858	878	+16.5	46,009	44,673	+3.0
Mountain----- (8 cities)	310	245	255	+21.6	14,476	13,491	+7.3
Pacific----- (12 cities)	1,548	¹ 1,190	1,335	+16.0	64,879	64,659	+0.3

¹Includes estimate for missing city.

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Table 4. DEATHS IN SELECTED CITIES

(By place of occurrence, and week of filing certificate. Excludes fetal deaths)

AREA	49th week ended Dec. 6, 1958	48th week ended Nov. 29, 1958	CUMULATIVE NUMBER FIRST 49 WEEKS		AREA	49th week ended Dec. 6, 1958	48th week ended Nov. 29, 1958	CUMULATIVE NUMBER FIRST 49 WEEKS	
			1958	1957				1958	1957
NEW ENGLAND:					WEST NORTH CENTRAL—Con.:				
Boston, Mass.-----	267	205	11,734	11,625	St. Louis, Mo.-----	274	222	11,993	11,896
Bridgeport, Conn.-----	33	42	1,832	1,889	St. Paul, Minn.-----	66	73	3,459	3,257
Cambridge, Mass.-----	37	22	1,405	1,455	Wichita, Kans.-----	31	68	2,208	2,208
Fall River, Mass.-----	22	27	1,327	1,343	SOUTH ATLANTIC:				
Hartford, Conn.-----	56	50	2,467	2,469	Atlanta, Ga.-----	115	86	5,349	5,440
Lowell, Mass.-----	24	20	1,232	1,364	Baltimore, Md.-----	251	206	11,917	11,821
Lynn, Mass.-----	26	22	1,085	1,056	Charlotte, N. C.-----	53	26	1,736	1,695
New Bedford, Mass.-----	31	22	1,133	1,186	Jacksonville, Fla.-----	51	60	2,888	2,693
New Haven, Conn.-----	46	37	2,249	2,284	Miami, Fla.-----	57	60	3,416	2,489
Providence, R. I.-----	73	67	3,148	3,052	Norfolk, Va.-----	39	28	1,720	1,829
Somerville, Mass.-----	14	12	687	643	Richmond, Va.-----	77	83	3,640	3,683
Springfield, Mass.-----	47	35	2,045	2,082	Savannah, Ga.-----	35	13	1,573	1,480
Waterbury, Conn.-----	21	26	1,277	1,236	St. Petersburg, Fla.-----	(67)	(53)	(3,111)	---
Worcester, Mass.-----	68	39	2,589	2,675	Tampa, Fla.-----	56	47	3,099	3,071
MIDDLE ATLANTIC:					Washington, D. C.-----	189	199	9,419	9,281
Albany, N. Y.-----	60	49	2,425	2,437	Wilmington, Del.-----	41	24	1,804	1,756
Allentown, Pa.-----	36	25	1,588	1,871	EAST SOUTH CENTRAL:				
Buffalo, N. Y.-----	212	118	7,302	7,091	Birmingham, Ala.-----	77	74	4,215	3,950
Camden, N. J.-----	54	38	2,020	1,985	Chattanooga, Tenn.-----	54	44	2,320	2,285
Elizabeth, N. J.-----	20	20	1,429	1,387	Knoxville, Tenn.-----	28	29	1,328	1,334
Erie, Pa.-----	40	28	1,756	1,776	Louisville, Ky.-----	113	89	5,335	5,267
Jersey City, N. J.-----	76	57	3,407	3,405	Memphis, Tenn.-----	109	94	5,592	5,204
Newark, N. J.-----	129	67	4,650	5,028	Mobile, Ala.-----	48	41	1,873	1,797
New York City, N. Y.-----	1,787	1,477	79,141	78,665	Montgomery, Ala.-----	39	20	1,635	1,326
Paterson, N. J.-----	36	25	1,966	1,887	Nashville, Tenn.-----	65	47	2,872	2,890
Philadelphia, Pa.-----	554	418	24,287	23,881	WEST SOUTH CENTRAL:				
Pittsburgh, Pa.-----	190	181	9,210	9,125	Austin, Tex.-----	33	29	1,553	1,466
Reading, Pa.-----	28	23	1,041	1,140	Baton Rouge, La.-----	42	11	1,357	1,221
Rochester, N. Y.-----	106	108	4,941	4,838	Corpus Christi, Tex.-----	29	13	1,031	1,039
Schenectady, N. Y.-----	12	17	1,105	1,155	Dallas, Tex.-----	114	126	5,628	5,422
Scranton, Pa.-----	26	28	1,896	1,863	El Paso, Tex.-----	35	49	1,794	1,570
Syracuse, N. Y.-----	67	65	3,061	2,908	Fort Worth, Tex.-----	63	73	2,959	3,100
Trenton, N. J.-----	42	37	2,239	2,200	Houston, Tex.-----	190	126	7,686	7,361
Utica, N. Y.-----	28	29	1,321	1,527	Little Rock, Ark.-----	44	48	2,672	2,598
Yonkers, N. Y.-----	27	21	1,488	1,449	New Orleans, La.-----	157	153	8,477	8,472
EAST NORTH CENTRAL:					Oklahoma City, Okla.-----	89	59	3,303	3,053
Akron, Ohio-----	65	42	2,768	2,692	San Antonio, Tex.-----	120	94	4,757	4,742
Canton, Ohio-----	35	34	1,517	1,552	Shreveport, La.-----	48	55	2,361	2,295
Chicago, Ill.-----	907	681	36,812	37,467	Tulsa, Okla.-----	59	22	2,411	2,334
Cincinnati, Ohio-----	171	137	7,829	7,539	MOUNTAIN:				
Cleveland, Ohio-----	221	169	10,105	10,266	Albuquerque, N. Mex.-----	25	19	1,368	1,281
Columbus, Ohio-----	118	99	5,605	5,559	Colorado Springs, Colo.-----	15	9	738	664
Dayton, Ohio-----	100	59	3,517	3,542	Denver, Colo.-----	86	116	5,463	5,514
Detroit, Mich.-----	301	346	15,599	16,006	Ogden, Utah-----	13	13	713	620
Evansville, Ind.-----	43	40	1,870	1,616	Phoenix, Ariz.-----	60	26	2,205	1,596
Flint, Mich.-----	51	33	1,848	1,854	Pueblo, Colo.-----	15	13	641	614
Fort Wayne, Ind.-----	52	21	1,719	1,808	Salt Lake City, Utah-----	68	32	2,347	2,231
Gary, Ind.-----	¹ 33	23	² 1,527	1,430	Tucson, Ariz.-----	28	17	1,001	971
Grand Rapids, Mich.-----	46	43	1,994	1,992	PACIFIC:				
Indianapolis, Ind.-----	134	74	6,261	5,980	Berkeley, Calif.-----	19	13	905	965
Madison, Wis.-----	(45)	(25)	(1,590)	(1,553)	Fresno, Calif.-----	(43)	(41)	(1,970)	---
Milwaukee, Wis.-----	141	100	6,379	6,482	Glendale, Calif.-----	(48)	(40)	(1,624)	---
Peoria, Ill.-----	29	13	1,537	1,487	Long Beach, Calif.-----	57	60	2,696	2,665
Rockford, Ill.-----	---	(25)	---	1,282	Los Angeles, Calif.-----	570	456	23,598	23,377
South Bend, Ind.-----	31	24	1,314	1,282	Oakland, Calif.-----	125	102	4,586	4,643
Toledo, Ohio-----	99	74	4,756	4,714	Pasadena, Calif.-----	44	30	1,693	1,732
Youngstown, Ohio-----	64	44	2,587	2,765	Portland, Ore.-----	121	55	4,877	4,808
WEST NORTH CENTRAL:					Sacramento, Calif.-----	67	58	2,566	2,534
Des Moines, Iowa-----	55	49	2,650	2,756	San Diego, Calif.-----	93	64	4,014	3,907
Duluth, Minn.-----	39	22	1,226	1,330	San Francisco, Calif.-----	202	158	9,170	9,335
Kansas City, Kans.-----	33	33	1,391	1,395	San Jose, Calif.-----	(27)	(27)	(1,119)	---
Kansas City, Mo.-----	134	114	5,911	5,865	Seattle, Wash.-----	155	120	6,594	6,454
Lincoln, Nebr.-----	(28)	(22)	(1,214)	---	Spokane, Wash.-----	52	39	2,248	2,306
Minneapolis, Minn.-----	149	123	6,170	6,265	Tacoma, Wash.-----	43	35	1,932	1,933
Omaha, Nebr.-----	77	53	3,378	3,406	Honolulu, Hawaii-----	(34)	(33)	(1,783)	(1,859)

¹Estimated.

²Includes estimate for current week.

Symbols.—Parentheses [()] : data not included in table 3; 3 dashes [---] : data not available.

Morbidity and Mortality Weekly Report

SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from health departments of each State and of Alaska, Hawaii, and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cases of anthrax, botulism, and rabies in man are not shown in table 2, but a footnote to table 1 shows the States reporting on these diseases. In addition, when diseases of rare occurrence (cholera, dengue, plague, louse-borne relapsing fever, smallpox, louse-borne epidemic typhus, and yellow fever) are reported, this will be noted at the end of table 1.

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